

CLAIMS

I claim:

1. A disposable cutting head for use with clippers comprising:

a base member including a mounting portion having an upstanding central bridge, a means for removable interlocking engagement with a clipper and including a lower blade support portion forward of the mounting portion;

the lower blade support portion having a plurality of posts in a recessed portion extending the longitudinal length of the lower blade support portion;

a lower cutting blade having a plurality of lower teeth on a forward edge thereof and a recessed portion for assembly into the lower blade support portion with the lower cutting blade having a plurality of apertures defined therein to receive the posts;

the lower teeth formed with a plurality of indentations therein;

an upper cutting blade having a plurality of upper teeth on a forward edge thereof and a recessed portion including a groove formed therein extending the longitudinal length of the upper cutting blade, and further including means for driven engagement by the clipper;

the upper cutting blade being located opposed to and in contact with the lower cutting blade when the disposable cutting head is assembled wherein the upper cutting blade and the lower cutting blade are formed with a slightly concave shape one relative to the other along their longitudinal dimension parallel to the teeth;

a spring member attached by a means for attachment to the base member and supporting the upper cutting blade in assembled longitudinal sliding fashion relative to and against the lower cutting blade with a runner in the groove.

2. The disposable cutting head as in claim 1 wherein the upper teeth formed with a plurality of indentations therein.

3 The disposable cutting head as in claim 1 wherein the lower cutting blade having a plurality of ribs defined therein in the recessed portion.

4. The disposable cutting head as in claim 1 wherein the upper cutting blade means for driven engagement is a rear edge having an enlarged recess defined therein on two edges of which a pair of shoes are formed.

5. The disposable cutting head as in claim 4 wherein each shoe has a round edge at the contact surface with a clipper drive lug.

6. The disposable cutting head as in claim 1 wherein the lower cutting blade and the upper cutting blade are formed with the lower teeth and the upper teeth ragged edges formed during the manufacturing process to be oriented in the direction of the opposed lower cutting blade and the upper cutting blade when assembled.

7. The disposable cutting head as in claim 1 wherein the lower blade support portion at a support front edge thereof does not protrude under the lower teeth.

8. The disposable cutting head as in claim 1 wherein the spring member means for attachment comprising the base having a pair of apertures therein; the spring member having a pair of apertures therein in a pair of opposed arms upper portion and having a pair of threaded apertures therein in the opposed arms lower portion; and a pair of screws passing through the opposed arms upper portion and the base with the screws threadably engaged with the threaded apertures.

9. The disposable cutting head as in claim 1 wherein the spring member

means for attachment comprising the base having a pair of attachment posts on the underside thereof and the spring member having a pair of apertures therein in a pair of opposed arms lower portion wherein the attachment posts pass through the apertures.

10. The disposable cutting head as in claim 1 wherein the base at a back edge having rounded corners.

11. The disposable cutting head as in claim 1 wherein there is a deflector plate attached to the spring member in position to partially cover a clipper cavity.

12. The disposable cutting head as in claim 1 wherein the upper cutting blade having a heat aperture formed therein.

13. The disposable cutting head as in claim 1 wherein the upper cutting blade having fixturing holes formed therein.

14. The disposable cutting head as in claim 1 wherein the base member having a pair of attachment lugs with a protrusion on each.

15. The disposable cutting head as in claim 1 wherein the base member having a mounting cavity with a plurality of protrusions therein.

16. The disposable cutting head as in claim 1 wherein:
the base member having a plate slidably engaged on a bottom thereof and
the plate having an extension element rearward of the base member;
a cavity formed in the base member with a spring inserted therein;

the plate having a spring tab which engages the spring;
and a means to press the plate against the force of the spring.

17. The disposable cutting head as in claim 16 wherein the means to press is a push tab attached to the plate.

18. The disposable cutting heads as in claim 17 wherein a tool is used to press the push tabs.

19. The disposable cutting head as in claim 16 wherein the means for slidable engagement is the plate having a slide aperture therein and a rivet attaches the plate through the slide aperture to the base element.

20. A comb element for attachment to a clipper cutting head comprising:
a support base element with a plurality of comb teeth attached at a front base edge and the comb teeth having a groove notch formed therein for engagement with a front edge of a plurality of upper teeth of a cutting head; and
a spring clip attached at a rear base edge of the support base element opposite the comb teeth.

21. The comb element as in claim 20 wherein the comb teeth are coated with a low friction substance.

22. The comb element as in claim 20 wherein the front base edge having a mounting tab and a support front edge of a base member having a mounting notch for engagement with the mounting tab.

23. A comb element for attachment to a clipper cutting head comprising:

a support base element with a plurality of comb teeth attached at a front base edge and the comb teeth having a groove notch formed therein for engagement with a front edge of a plurality of upper teeth of a cutting head; and

a back plate attached at a rear base edge of the support base element opposite the comb teeth and two side elements attached there between with the back plate having a slot therein for engagement with the cutting head.

24. The comb element as in claim 23 wherein the comb teeth are coated with a low friction substance.

25. The comb element as in claim 23 wherein the back plate is tapered above the slot.

26. The comb element as in claim 23 wherein the front base edge having a mounting tab and a support front edge of a base member having a mounting notch for engagement with the mounting tab.

27. A device for mounting an upper cutting blade and a lower cutting blade with a spring member comprising:

a base member with a mounting portion having an upstanding bridge;

a lower blade support portion forward of the mounting portion; and

a means for removable interlocking engagement with a clipper.

28. The device as in claim 22 wherein the means for removable interlocking is

the upstanding bridge having a mounting cavity therein and a pair of attachment lugs.

29. The device as in claim 23 wherein each attachment lug having a protrusion on the inside surface thereof.

30. The device as in claim 23 wherein the mounting cavity having a plurality of protrusion therein.

31. A heat dissipating device for a clipper cutting head comprising a cutting blade having a plurality of cutting teeth formed thereon and the cutting teeth having indentations formed therein.

32. A heating dissipation structure for a clipper cutting head comprising an upper cutting blade having a heat aperture therein.

33. A comb element for attachment to a clipper cutting head comprising:
a support base element with a plurality of comb teeth attached at a front base edge and the comb teeth having a groove notch formed therein for engagement with a front edge of a plurality of upper teeth of a cutting head; and
a back plate with a means for strengthening attached at a rear base edge of the support base element opposite the comb teeth and the back plate having a means for engagement with the cutting head.

34. The comb element as in claim 33 wherein the comb teeth are coated with a low friction substance.

35. The comb element as in claim 33 wherein the front base edge having a

mounting tab and a support front edge of a base member having a mounting notch for engagement with the mounting tab.

36. A disposable cutting head for use with clippers comprising:

a base cutting blade having an upstanding central bridge attached and a means for removable interlocking engagement with a clipper;

the base cutting blade having a plurality of lower teeth on a forward edge thereof;

the lower teeth formed with a plurality of indentations therein;

an upper cutting blade having a plurality of upper teeth on a forward edge thereof and a recessed portion including a groove formed therein extending the longitudinal length of the upper cutting blade, and further including means for driven engagement by the clipper;

the upper cutting blade being located opposed to and in contact with the base cutting blade when the disposable cutting head is assembled wherein the upper cutting blade and the base cutting blade are formed with a slightly concave shape one relative to the other along their longitudinal dimension parallel to the teeth;

a spring member attached by a means for attachment to the base cutting blade and supporting the upper cutting blade in assembled longitudinal sliding fashion relative to and against the base cutting blade with a runner in the groove.

37. The disposable cutting head as in claim 36 wherein the upper cutting teeth formed with a plurality of indentations therein.

38. The disposable cutting head as in claim 36 wherein there is a comb element means for attachment.